

5

Domain X

Domain Y

Subdomain W1

Subdomain W2

Domain U

Domain Z

Domain W

C1

R1

C2

R6

R2

R3

R4

C3

R5

FIG 1

[illegible]

FIG 3:

150 ~
IDM 30 monitors X.cl domain bank 15 of FIG 2 to determine ~~whether~~ a pattern of payments from C1 to all resources (i.e., R1) in IDM 30's domain.

152 ~
IDM 30 compares the monitored pattern of payments with a pre-determined pattern of payments to determine whether the difference is greater than a predetermined difference.

154 ~
IDM 30 determines that the monitored C1 is an attacker and sends an attack notification to resource manager 12 and IRPS 34.

N
IDM 30 determines that the ~~the~~ monitored C1 is not an attacker. ~156

FIG 5A

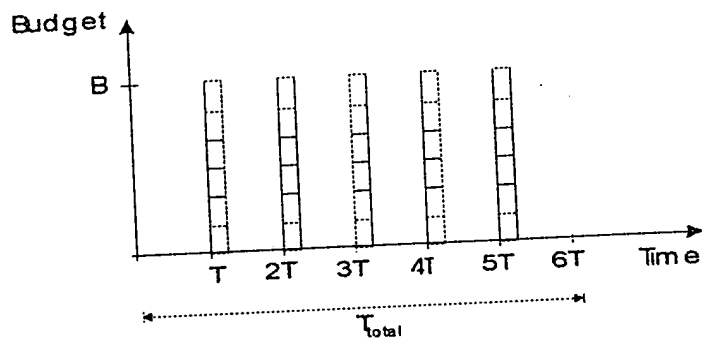
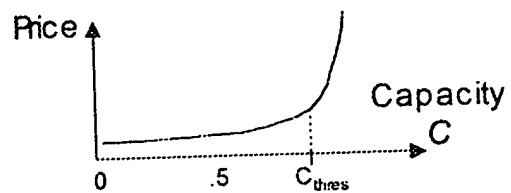
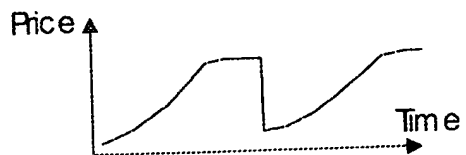
160 ~
IDM 30 monitors Y exchange bank 16 of FIG 2 to determine ~~whether~~ a pattern of payments received by R1 from all clients in any domain (i.e., C1).

162 ~
IDM 30 compares the monitored pattern of payments with a pre-determined pattern of payments to determine whether the difference is greater than a predetermined difference.

164 ~
IDM 30 determines that an attacked has occurred and sends an attack notification to resource manager 12 and IRPS 34.

N
IDM 30 determines that the no attack has occurred on R1. ~166

FIG 5B



Mint Banks:

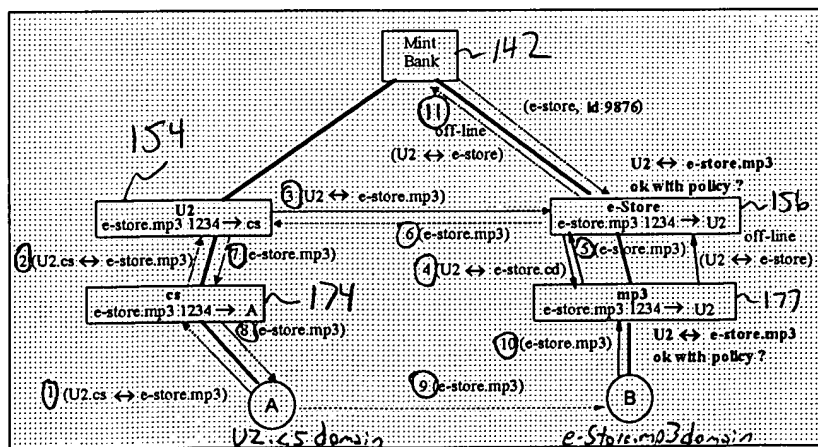
- Currency generation
- Accounting & Auditing

Exchange Banks:

- Accountable Exchange
- Policy Enforcement
- Accounting & Auditing

Domain Banks:

- Policy Enforcement
- Accounting & Auditing



66 ~

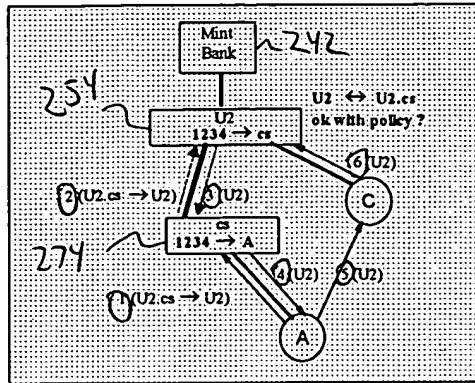


FIG 12

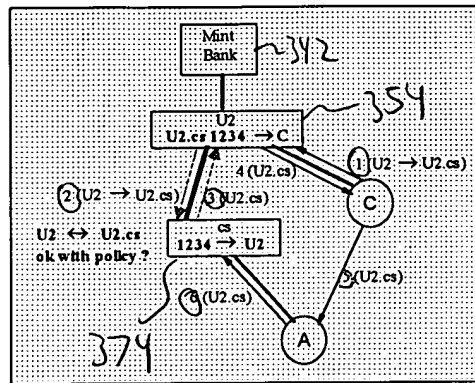


FIG 13

Issuing domain's exchange bank	Unique ID	Amount	Validity	New owner's exchange bank	Purpose	Provider	Timestamp
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FIG 4

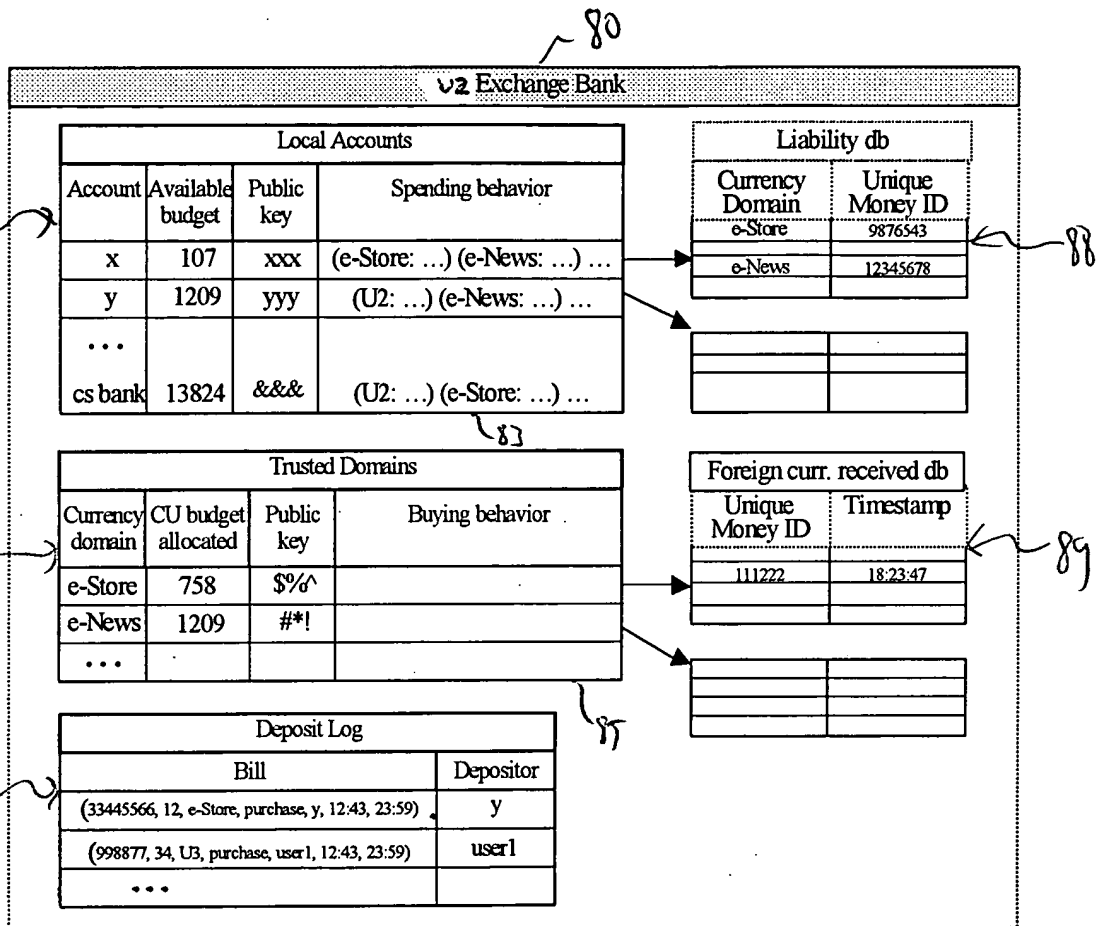
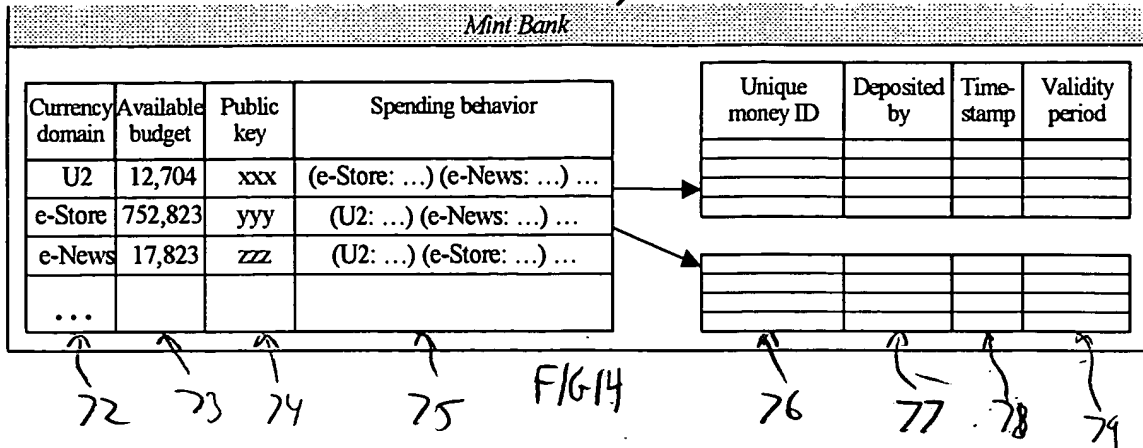


FIG 15